

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	50	(microresonator with nano\$8) and waveguide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L2	20	L1 and ((rare adj earth) erbium)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L3	5	L2 and (alumino)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L4	1	("6817782").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/02/23 23:30
L5	3451	(fiber adj amplifier) and (gain with (pump ion\$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L6	6	L5 and (attenuate with (fiber near3 grating))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L7	2	L6 and (single\$mode near3 core)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L8	363	((fiber adj amplifier) and (gain with (pump ion\$2))).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L9	0	L8 and ((attenuate with (fiber near3 grating))).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L10	1	("6208796").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/02/23 23:30
L11	1	("5245467").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/02/23 23:30
L12	3354	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L13	562	L12 and attenuate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L14	529	L13 and (gain with fiber)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30

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L15	426	L14 and filter	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L16	13	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping) and (prevent with excitation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L17	13	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping) and (prevent with excitation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L18	3451	(fiber adj amplifier) and (gain with (pump ion\$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:30
L20	13	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping) and (prevent with excitation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:35
L27	4644	((385/141) or (372/6) or (372/9)). CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/02/23 23:37
L28	907	27 and (gain and filter\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:37
L29,	95	28 and attenuate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:37
L30	61	29 and (dope dopant doping)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/23 23:38
S1	13	(microresonator with nano\$8) and waveguide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/30 19:01
S2	10	S1 and ((rare adj earth) erbium)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/30 18:59
S3	5	S2 and (alumino)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/31 11:19
S4	1	("6817782").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/31 13:50
S5	2599	(fiber adj amplifier) and (gain with (pump ion\$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/03 15:36
S6	6	S5 and (attenuate with (fiber near3 grating))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/31 14:02

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S7	2	S6 and (single\$mode near3 core)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/31 13:51
S8	276	((fiber adj amplifier) and (gain with (pump ion\$2))).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/31 14:02
S9	0	S8 and ((attenuate with (fiber near3 grating))).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/31 16:52
S10	1	("6208796").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/31 16:52
S11	1	("5245467").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/03 15:31
S12	2888	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 15:25
S13	503	S12 and attenuate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/03 15:38
S14	473	S13 and (gain with fiber)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/03 15:38
S15	387	S14 and filter	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/03 15:38
S16	12	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping) and (prevent with excitation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 15:27
S17	12	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping) and (prevent with excitation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/03 22:45
S18	3106	(fiber adj amplifier) and (gain with (pump ion\$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/03 22:45

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	2068	(fiber adj amplifier) and (gain with (pump ion\$2))	USPAT; UPAD	OR	ON	2010/02/23 23:31

## EAST Search History (Interference)

L21	8	(fiber adj amplifier) and (gain with (pump ion\$2)) and (doped doping) and (prevent with excitation)	USPAT; UPAD	OR	ON	2010/02/23 23:35
L22	7802	"S14" and filter	USPAT; UPAD	OR	ON	2010/02/23 23:35
L23	20	(microresonator with nano\$8) and waveguide	USPAT; UPAD	OR	ON	2010/02/23 23:35
L24	220	((fiber adj amplifier) and (gain with (pump ion\$2))).clm.	USPAT; UPAD	OR	ON	2010/02/23 23:36
L25	0	"L8" and ((attenuate with (fiber near3 grating))).clm.	USPAT; UPAD	OR	ON	2010/02/23 23:36
L26	0	24 and ((attenuate with (fiber near3 grating))).clm.	USPAT; UPAD	OR	ON	2010/02/23 23:36